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G Chen, G Kotz - 2000 - cs.dartmouth.edu

... Current outdoor **wireless** MAN/WAN technologies (such as ... for good **location** sensing, while **GPS** is clearly ... two general approaches to make the **mobile** device aware ...

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WB Heinzelman, AP Chandrakasan, H Balakrishnan, C ... - IEEE transactions on wireless communications, 2002 - [ieeexplore.ieee.org](#)
... until it is time to transmit **data** ... calculated from the nodes' **GPS** coordinates is, therefore ... **SPECIFIC PROTOCOL ARCHITECTURE FOR WIRELESS MICROSENSOR NETWORKS** ...

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JH Schiller, A Vetsard - 2004 - [books.google.com](#)

... **Wireless** network- ing (WiFi), cellular telephone (GSM), packet radio ... SPOT), global positioning systems (GPS), and sensor ... They allow **mobile** users to query their ...

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YB Ko, NH Vaidya - Wireless Networks, 2000 - Springer

... a large por- tion of the **wireless** bandwidth, especially for ... or quantitatively) performance of a **mobile** computing system ... is de- termined using a **GPS** receiver at ...

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GM Djukic, RE Richion - Computer, 2001 - [netlab18.cis.nctu.edu.tw](#)

... with the handset receiver over the **wireless** link, so ... The **mobile** can even complete the **location** fix itself ... another enhancement to detection of **GPS** signals in ...

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U Varshney - ACM Transactions on Internet Technology, 2003 - [portal.acm.org](#)

... Systems (A-GPS and D-GPS), Time Difference of ... **location** accuracy, very high **wireless** dependability, wide ... **Mobile** auc- tion application requires similar **location** ...

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M Hazas, J Scott, J Krumm - Computer, 2004 - [ieeexplore.ieee.org](#)

... In addition, the Enhanced 911 requirement—which mandates that US **wireless** carriers provide ... **Location** accuracy 1 cm 10 cm 1 m 10 m 100 m ... TV **GPS** **Mobile** phones ...

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J Hightower, G Borriello - Computer, 2001 - [ieeexplore.ieee.org](#)

... include factors such as the price per **mobile** unit or ... **GPS** Radio time- • • 1-5 meters 24 satellites Expensive ... 4.3 m 3 bases per 802.11 network **Wireless** NICs ...

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[Place lab: Device positioning using radio beacons in the wild](#) - ▶ [leifl.org](#) [PDF](#)

A LaMarca, Y Chawathe, S Consolvo, J Hightower, I ... - Proceedings of PERSASIVE, 2005 - Springer

... institutions that own a large number of **wireless** networking beacons ... is the act of driving around with a **mobile** computer equipped with a **GPS** device and ...

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A Harter, A Hopper, P Steggle, A Ward, P Webster - Wireless Networks, 2002 - Springer

Wireless Networks 8, 187-197, 2002 2002 Kluwer ... world entities that are involved in **mobile** applications. ... based **location** techniques (eg, **GPS** (1)), which ...

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